## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	((Frederiksen same Henning) (Yde- andersen same Steen) (Grahl-Madsen same Laila) (Lundsgaard same Joergen)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 12:29
S1	1	10/591841	US-PGPUB	OR	OFF	2008/09/27 11:08
S2	1	S1 and anterior and posterior and "90"	US-PGPUB	OR	OFF	2008/09/27 11:25
S3	3496	429/34	US-PGPUB; USPAT	OR	OFF	2008/09/27 11:30
S4	782	S3 and (bipolar separator\$2) and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/27 11:31
S5	139	S3 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/27 11:34
S6	26	(bipolar separator\$2). ti. and (flowfield\$2 cthannel\$2) and ((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field\$2) cthannel\$2)) and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/27 11:50
S7	13	("6174616" "4292379" "4469579" "4826554" "5211984" "5272017" "5316871" "5399184" "5472799" "5474857" "5702755" "6503653" "6500580").pn.	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:02

S8	3	(yamamoto same yoshiaki).in. and bipolar	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:04
S9	14	(yamamoto same yoshiaki).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:05
S10	1911	429/38	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:40
S11	7	S10 and (bipolar separator\$2).ti. and ((flowfield\$2 channel \$2) and ((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and ((bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:40
S12	1404	429/39	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:41
S13	7	S12 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/27 12:41
S14	1	"20020119359"	US-PGPUB	OR	OFF	2008/09/27 12:43
S15	1	S14 and direction	US-PGPUB	OR	OFF	2008/09/27 12:45
S16	1	S14 and anode\$2 and cathode\$2 and flow	US-PGPUB	OR	OFF	2008/09/27 12:45
S17	1	S14 and "50" and "57" and "40" and "47" and "10"	US-PGPUB	OR	OFF	2008/09/27 13:12
S18	0	S14 and "50" and "57" and "40" and "47" and "10" and "fig. 7"	US-PGPUB	OR	OFF	2008/09/27 13:14
S19	1	S14 and "50" and "57" and "40" and "47" and "10" and "7"	US-PGPUB	OR	OFF	2008/09/27 13:14

S20	1	S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6"	US-PGPUB	OR	OFF	2008/09/27 13:15
S21	0	S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and S11	US-PGPUB	OR	OFF	2008/09/27 13:18
S22	1	S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11"	US-PGPUB	OR	OFF	2008/09/27 13:18
S23	1	\$14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12"	US-PGPUB	OR	OFF	2008/09/27 13:20
S24	1	\$14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" and "5"	US-PGPUB	OR	OFF	2008/09/27 13:20
S25	1	S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" and "5" and "3"	US-PGPUB	OR	OFF	2008/09/27 13:21
S26	1	\$14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" and "5" and "3" and "2" and "4" and "9"	US-PGPUB	OR	OFF	2008/09/27
S27	1	S1 and active and passive	US-PGPUB	OR	OFF	2008/09/27 13:26
\$28	1	S14 and "13b" and "13a"	US-PGPUB	OR	OFF	2008/09/27 14:45
S29	20	((Frederiksen same Henning) (Yde- andersen same Steen) (Grahl-Madsen same Laila) (Lundsgaard same Joergen)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/27 14:55
S30	9	S29 and (fuel adj cell \$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/27 14:56

S31	3	\$29 and (fuel adj cell \$2) and separator\$3 and bipolar and (flow near field\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/27 14:56
S32	1	"20020119359"	US-PGPUB	OR	OFF	2009/03/29 15:25
S33	1	10/591841	US-PGPUB	OR	OFF	2009/03/29 15:49
S34	1	S33 and interconnect \$4	US-PGPUB	OR	OFF	2009/03/29 15:49
S35	3836	429/34	US-PGPUB; USPAT	OR	OFF	2009/04/10 13:37
S36	155	\$35 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/04/10 13:37
S37	1	\$35 and (bipolar separator\$2).ti. and (multiple near manifold \$3)	US-PGPUB; USPAT	OR	OFF	2009/04/10 13:37
S38	2012	429/38	US-PGPUB; USPAT	OR	OFF	2009/04/10 13:38
S39		S38 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near\$2 ((flow near field \$2) channel\$2)))and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/04/10 13:38
S40	1478	429/39	US-PGPUB; USPAT	OR	OFF	2009/04/10 13:38
S41	7	S40 and (bipolar separator\$2).ti. and ((flowfield\$2 channel \$2) and ((f"90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near\$ ((flow near field \$2) channel\$2)))and ((bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/04/10

S42	21	((Frederiksen same Henning) (Yde- andersen same Steen) (Grahl-Madsen same Laila) (Lundsgaard same Joergen)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/10 13:38
S43	3	\$42 and (fuel adj cell \$2) and separator\$3 and bipolar and (flow near field\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/10 13:39
S44	1	"20050118489"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/10 13:41
<b>S</b> 45	1	S44 and "33" and "42" and "40"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/10 13:41
S46	1	10/591841	US-PGPUB	OR	OFF	2009/04/10 13:47
S47	1	\$46 and (interconnect \$4 connect\$4)	US-PGPUB	OR	OFF	2009/04/10 13:48
S48	1	S44 and "33" and "42" and "40" and "32"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/10 13:55
S49	1	10/591841	US-PGPUB	OR	OFF	2009/04/10 14:15
S50	1	\$49 and (interconnect \$4 connect\$4)	US-PGPUB	OR	OFF	2009/04/10 14:15
S51	1	S49 and (interconnect \$4 connect\$4) and "5" and "1"	US-PGPUB	OR	OFF	2009/04/10 14:23
S52	1	"20020119359"	US-PGPUB	OR	OFF	2009/07/21 15:01
S53	1	10/591841	US-PGPUB	OR	OFF	2009/07/21 15:04
S54	1	S53 and interconnected	US-PGPUB	OR	OFF	2009/07/21 15:04
S55	4049	429/34	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:56
S56	168	S55 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:56

S57	28	(bipolar separator\$2). ti. and (flowfield\$2 channel\$2) and ((("90" near\$2 degree\$2) (right near angle\$2) same ((anode\$2 cathode\$2 near3 ((flow near field\$2) channel\$2)) and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:57
S58	2077	429/38	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:57
\$59	7	S58 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:57
S60	1523	429/39	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:57
S61	7	S60 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near\$2 (flow near field \$2) channel\$2))and (bipolar separator\$2)	US-PGPUB; USPAT	OR	OFF	2009/07/21 20:57
S62	1	(fuel adj cell\$2) and separator\$3 and bipolar and (flow near field\$2) and (manifold \$3 near3 (duplicat\$3 redundant\$3 passive \$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 21:00
S63	1	(fuel adj cell\$2) and separator\$3 and bipolar and (flow near field\$2) and (manifold \$3 near5 (duplicat\$3 redundant\$3 passive \$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 21:01

S64	4	(fuel adj cell\$2) and separator\$3 and bipolar and (flow near field\$2) and (manifold \$3 same (duplicat\$3 redundant\$3 passive \$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21
S65	71	(fuel adj cell\$2) and ((separator\$3 bipolar) (flow near field\$2)) and (manifold\$3 same (duplicat\$3 redundant \$3 passive\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 21:09
S66	12	(fuel adj cell\$2) and ((separator\$3 bipolar) (flow near field\$2)) and (manifold\$3 near5 (duplicat\$3 redundant \$3 passive\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 21:09
S67	1	((fuel adj cell\$2) and ((separator\$3 bipolar) (flow near field\$2)) and (manifold\$3 near5 (duplicat\$3 redundant \$3 passive\$3))).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 21:15

## 7/22/2009 12:32:08 PM

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